

SOUTH PRODUCTION NOTES

**February 23, 2014
Morning Shift**

**BASF EMPLOYEES
15 Last Recordable
237 Last Lost Time**

CRT's: When we run #5 we will need to fill out the #5 bag house check sheet.

Bldg 31 is now regulated as we are running the Si-1624 material

Every Thursday, 11am to 3pm for the next 4 weeks will be a Safe Work Permit writing class for new people to be trained or for a refresher class.

#1 MED Si-1624: Continue batches, and check MOD for any changes.

Day shift: Continue batches

Afternoon Shift: Continued making batches. Keeping dried material separated from the refeed material.

Midnight shift: Continue to make batches. Re-installed the breaker bar – it was off the dryer discharge.

#1 RC / Si-1624: All refeed has been completed and the temperature has been raised by 100 degrees. Check the granulator (6 mesh) for tears in the mesh screen – this will give you long extrusions. Remember the over size on the screener is a 5 mesh - watch for excessive fines we may need to scale down to a 4 mesh.

Day shift: Continue last of lot 617.

Afternoon Shift: Finishing up the last of the refeeds at the end of 2nd shift. Will need to raise the temperatures 100 degrees before feeding the dried bags.

Midnight shift: Temps raised by 100 and started to feed the regular material.

Exhaust to F-1

#2 MED line/ X 052 next: Rinsing dryer for X-052

Day Shift: Dryer and P&S spiral rinsed

Afternoon Shift: No change.

Midnight shift: No activity.

#2 RC/ Cu-0860 next: The replacement gear box is ordered with a month lead time.

Original prognosis was a gear box leak possibly due to overfilling. Calciner is off and has been reversed. This will be a rough clean up before going to the Cu-0860.

Day shift: No activity

Afternoon shift: No change.

Midnight shift: No activity.

#3 MED line / D-1798: Continue on, keep adding ¼ drum wet mix to each batch. Do not add more than ¼ drum per Bill Grodecki. **REMEMBER, we are using beta zeolite up on the third floor.**

Day shift: Continue, keep feeding the wet mix ¼ drum per batch

Afternoon Shift: Shut down MED to clean out #3 DC. No suction on the end of the dryer and some Nox being detected. Continued to add ¼ drum of wet mix per batch.

Midnight Shift: Continue running. No issues reported.

#3 RC/ D-1798 NAQ: Continue on.

Day shift: Continue on.

Afternoon Shift: Continued on. Shut off feed temporarily to investigate Nox issues, but were found to be coming from the dryer.

Midnight shift: Feeding. No issues reported.

Exhausting to CTO

Old Pfaudler – D-1799 NAQ: All Lot 5 material has been used.

Day Shift: On hold

Afternoon Shift: On hold.

Midnight shift: On hold.

Tank 7 / AMT for D-1799 NAQ: Currently empty (has some water in it to recycle and flush outlet valve)

Day shift: Recycling water for now, will pump out Sunday and add the AMT toted off (1 full, 1 partial).

Afternoon Shift: No change.

Midnight shift:

New Pfaudler / V-2045 next: Actuator valve under Tank 6 needs replaced. Lucas replaced valve with straight line in order to be able to operate toting off station.

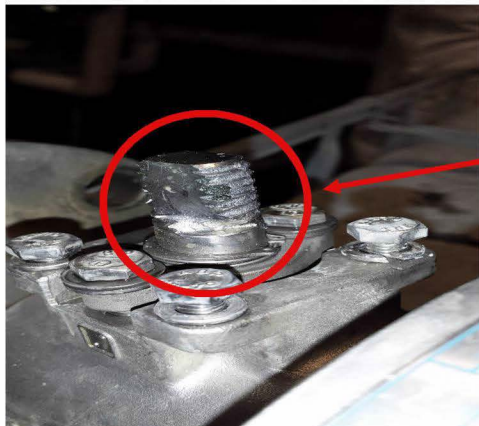
When restarting, use three (3) bags @ 1000 lb when dropping material from Pfaudler.

Day shift: Trying to get solution out of tank.

Afternoon Shift: Pipe below the tank was cleaned out by Lucas, but actuated valve will not open all the way (bad actuator and ball valve). It is stuck in a partially open position inside the valve whether it is put in the “open” or “closed” position. We need to use the hand valve to be sure that the line is closed. The tank is still plugged at the bottom.

Midnight shift: Re-started the impregnations after contractor temporarily repaired lines at bottom of tank.

Tank 6 / V-2045 solution: Actuator valve does not need to be replaced however the valve itself will. See picture below. Contractor replaced the ball valve with a straight line in order to be able to continue with the impregnations. We did find some large chunks of material when the valve was removed.



Notice the twist on the stem of the ball valve. The entire shaft is stripped which is why the valve wasn't closing or opening all the way.

Day shift: Trying to get solution out of tank.

Afternoon Shift: Pipe below the tank was cleaned out by Lucas, but actuated valve will not open all the way (bad actuator and ball valve). It is stuck in a partially open position inside the valve whether it is put in the "open" or "closed" position. We need to use the hand valve to be sure that the line is closed. The tank is still plugged at the bottom.

Midnight shift: Verified Spg and adjusted temperature to the tank. Tried to begin impregnations but a line burst open under the tank when we tried to pump into tote.

National Dryer / : Schirmer has finished the soda blasting.

Day shift: Still need to evaluate status with engineer.

Afternoon shift: No change.

Midnight shift: No change.

#4 RC / 5202: 5202 will be brought to the site next week (Monday) and when we start we will make several early drums and use for flush on #4 calciner. Make sure thermowell is cleaned off before this happens.

Day shift: No activity

Afternoon Shift: No change.

Midnight shift: No activity.

Exhaust to Trimer

PK Blender / 1520 done, Oxy next: Wash down began with the dust collector still on and caused the dust collector lines to turn to sludge. This was cleaned out and most of the cleaning has been done. May just need a final look over.

Day shift: Last two batches made, start cleaning for Oxy Catoxid

Afternoon Shift: Continued cleaning for the Oxy.

Midnight shift: No activity.

HC-11 Tanks – CU-5020 Strikes: Continue.

Day shift: Continue

Afternoon Shift: Continued on. 3 batches made.

Midnight Shift: Continue.

#5 RC / OxyVinyl Catoxid: HEPA changed early Saturday morning. Continue but watch dp on HEPA. NOTE: we are now keeping bag house temps around 105 degrees, and will need to maintain enough suction to keep dusting down. Remember to feed alternating batches of material (1 bag above Batch 7083 and 1 bag below Batch 7083).

Day shift: Continue...keep an eye on temps and dusting out of calciner discharge

Afternoon shift: Continued to run with no issues.

Midnight shift: Continue. HEPA was replaced when it reached 8.0 PD. Currently reading 2 with 5A reading less than 3 and 5B reading less than 1. No issues reported with dusting.

Exhaust to 5DC when feeding

Tower 3 / Ni-2460 : Tower unloaded and Lucas performed maintenance on tower; pressure tested late on 2nd shift.

Day shift: Should be coming down Sat afternoon, and will need to be washed down for reloading Ni 2458.

Afternoon shift: Tower was unloaded and Lucas performed maintenance. Tower will need to be washed before running the Ni 2460 material.

Midnight Shift: Tower washed down and loaded after issue w/air powered hoist pendant. However, unable to get the tower going; no recipe in the system – engineer coming in.

Tower 6 / Cu-1986: Unloaded and working on reloading towards the end of 2nd shift.

Day shift: Coming down Saturday afternoon

Afternoon shift: Reloading tower late on 2nd shift. Maintenance was done by Lucas between the tower loads.

Midnight Shift: Oiler belt came off twice in the compressor room. Kept tower down.

Wrote work notification and contacted maintenance supervisor via voice mail and text (no answer) to have maintenance replace the oiler belt - 933959587.

North Screener / Cu 1230: Continue when Tower 3 is dropped.

Day shift: Waiting on next tower to drop

Afternoon Shift: Screening can be done on midnight shift.

Midnight shift: Began screening.

South Screener / Cu 1986: Down until tower comes down.

Day shift: Waiting on next tower to drop

Afternoon Shift: Screening can be done on midnight shift.

Midnight shift: Began screening.

Harrop Kiln - Al-3921 T 3/16": Down... saggars have been removed, screener parts at TK#2

Day shift:

Afternoon Shift:

Midnight Shift:

#6 - RC / D-0756: Down

Day Shift: Down

Afternoon shift:

Midnight shift: Down.

Exhaust to Sly Scrubber

Tunnel Kiln #2 / V-2045 is next: Saggars have been switched to Vanadium saggars.

Day shift: Holding temps at 200.

Afternoon Shift: no change

Midnight shift: no change

Tunnel Kiln #4 / Cu-0540 done: HOLD

Day shift:

Afternoon Shift: no change

Midnight shift: no change

#2662 Pill Machine / Al-3917 3/16: Finished. Holding for decision to switch to 3915.

#2664 Pill Machine / Al-3917 3/16: Finished. Holding for decision to switch to 3915.

Priorities

Items in red below require call out

Safety and Environmental (if not able to put in a safe temporary manner)

Towers (and screening if it holds up the towers)

Cu-5020 Strikes

5 RC

D-1798 extrusion

Pfautler V-2045

Items below do not require call out

Si-1624

PK blender finish 1520 then Catoxid wrap up

4 Rc prep for D 5202

2 Line prep for X 052 trial

**To do list: Load alcohol drums on trailer by rail shed (single stacked)
Clean 3rd floor around #3 mixer.
Operator PM's**

For the weekend Hi-Sil is in shipping and the Volclay is in the rail shed. Siral 30 is in the rail shed. Ambosol the first 2 lots and soda ash are both in shipping.

All of the 7005 base is in building 9 I am not sure which will run out first the base or the solution.

D 1798 from #3 calciner need to go to the 3rd floor.

Si-1624 lot EL00616 will be in our dock if you need to rework it. After the 2 trucks are empty there are more of the black drums with white lids in the rail shed.